

## Message Text

UNCLASSIFIED

PAGE 01 Lening 00837 121028Z

ACTION COME-00

INFO OCT-01 EUR-12 ISO-00 OES-07 EPA-04 DOTE-00 HUD-02

CIAE-00 INR-07 NSAE-00 L-03 /036 W

-----018003 121050Z /23

R 120718Z JUL 77

FM AMCONSUL LENINGRAD

TO SECSTATE WASHDC 3292

INFO AMEMBASSY MOSCOW

UNCLAS LENINGRAD 0837

E.O. 11652: N/A

TAGS: SENV, US, UR

SUBJ: US-USSR ENVIRONMENTAL AGREEMENT PROJECT 02-08-11, CHANGES  
IN THE HEAT BALANCE OF THE ATMOSPHERE ON CLIMATE

REF: A. MOSCOW 8053, B. STATE 127627

1. IN DISCUSSION WITH CONGENOFF OF RESULTS OF JUNE 20-21  
SYMPOSIUM IN LENINGRAD ON STRUCTURE OF PRESENT CLIMATE,  
DR. E.W. BIERLY, CHIEF OF U.S. DELEGATION, SUMMED UP  
SYMPOSIUM AS STIMULATING AND PRODUCTIVE SESSION WHICH  
PROCEEDED SMOOTHLY AND IN CONVIVIAL AND HOSPITABLE SPIRIT.

2. AS EXPECTED, KEY POINT IN THIS SYMPOSIUM WAS  
PROFESSOR BUDYKO'S THESIS THAT EARTH'S CLIMATE IS  
CURRENTLY WARMING DUE TO INCREASE OF CARBON DIOXIDE AND  
OTHER POLLUTANTS IN THE ATMOSPHERE. WHILE THE U.S. SIDE  
AND SOME OF THE SOVIETS AS WELL (INCLUDING DR. BORISENKOV  
AT THE MAIN GEOPHYSICAL OBSERVATORY) BELIEVE THAT DATA IS  
STILL INSUFFICIENT TO SUBSTANTIATE THIS THESIS, INITIAL  
CONCERN THAT SYMPOSIUM MIGHT BECOME OVERLY CONTENTIOUS  
WAS UNFOUNDED. INDEED SYMPOSIUM WAS GIVEN SPECIAL BOOST BY  
APPEARANCE OF PROF. YU. A. IZRAEL, CHIEF OF MAIN  
ADMINISTRATION OF USSR HYDRO METEOROLOGICAL SERVICE  
AND V.P. OF WORLD METEOROLOGICAL ORGANIZATION  
UNCLASSIFIED

UNCLASSIFIED

PAGE 02 Lening 00837 121028Z

WHO WAS NOT EXPECTED TO COME. IZRAEL NOT ONLY INFORMED  
PARTICIPANTS OF WORK OF WMO EXECUTIVE COMMITTEE, BUT  
ALSO GAVE REPORT ON GLOBAL MONITORING OF ENVIRONMENT.

3. TEN U.S. AND 17 SOVIET OFFICIAL REPS GAVE TOTAL OF  
27 REPORTS, QUALITY OF WHICH, ACCORDING TO BIERLY, WAS  
HIGH, EQUIVALENT TO THAT WHICH WOULD BE EXPECTED AT

SIMILAR SYMPOSIUM IN U.S. BIERLY BELIEVES THAT COOPERATION IN AREA OF CLIMATE IS GENUINELY PRODUCTIVE AND WELL BALANCED IN TERMS OF VALUE TO BOTH SIDES. U.S. HAS STRONG EXPERIENCE IN USE OF BIG COMPUTERS WHILE SOVIETS, LACKING SUCH COMPUTERS, TEND TO CONCENTRATE MORE ON BASIC THEORETICAL WORK WHICH HAS BEEN HELPFUL TO U.S. SIDE. SOVIETS ARE ALSO DOING INTERESTING STATISTICAL MATHEMATICAL WORK. BIERLY FEELS THAT THERE IS CLEAR UNDERSTANDING OF BREAKDOWN OF RESPONSIBILITIES BETWEEN SOVIETS AND U.S. AND THAT CONTINUING EXCHANGE IN THIS AREA HOLDS GREAT PROMISE.

4. BIERLY SAID THAT TWO QUESTIONS HAD ARISEN DURING SYMPOSIUM WHICH LIKELY TO HAVE SOME BEARING ON FUTURE EXCHANGE:

A. SOVIETS HAD EXPRESSED INTEREST IN SENDING TWO-MAN TEAM, RATHER THAN INDIVIDUAL, FOR RESEARCH WORK IN U.S. IN THOSE INSTANCES WHERE DESIGNATED SOVIET EXPERT WOULD BENEFIT GREATLY BY PARTICIPATION BUT HAS NOT SUFFICIENTLY MASTERED ENGLISH LANGUAGE TO PERFORM EFFECTIVELY BY HIMSELF. UNDER THIS PROPOSAL, DESIGNATED NON-ENGLISH SPEAKING SOVIET SCIENTIST WOULD BE ACCOMPANIED BY SECOND SOVIET SCIENTIST WHO IS ALSO KNOWLEDGEABLE IN AREA AND KNOWS ENGLISH WELL. STAY WOULD BE SHORTENED ACCORDINGLY; THUS FOR EXAMPLE, PROPOSED TWO MONTH STAY FOR ONE SOVIET SCIENTIST IN U.S. WOULD BE REDUCED TO ONE

UNCLASSIFIED

PAGE 03 LENDING 00837 121028Z

MONTH STAY FOR TEAM. SOVIETS SAID THEY ENVISAGE SUCH ARRANGEMENT ONLY IN TWO INSTANCES AT PRESENT TIME AND DO NOT INTEND TO APPLY TEAM CONCEPT ACROSS THE BOARD FOR ALL FUTURE VISITS. BIERLY'S INITIAL REACTION TO THIS CONCEPT WAS FAVORABLE AND HE SAID HE WOULD BE DISCUSSING THIS MATTER FURTHER AFTER HIS RETURN TO U.S.

B. BIERLY INDICATED THERE WOULD BE FUTURE WORKING GROUP MEETING OCTOBER 4-14, 1977, IN SOVIET UNION. FIRST EIGHT DAYS WOULD BE IN LENINGRAD WITH LAST TWO DAYS IN MOSCOW TO SIGN FURTHER WORKING AGREEMENT. BIERLY THOUGH IT HIGHLY POSSIBLE THAT AT THAT TIME A SUGGESTION WOULD BE RAISED TO REMOVE WORKING GROUP ON CLIMATE FROM ENVIRONMENTAL PROTECTION BILATERAL AND TO MAKE IT SEPARATE BILATERAL. IF THIS DOES NOT HAPPEN, THERE WILL PROBABLY BE DISCUSSION ON EXPANDING WORKING GROUP ON CLIMATE TO INCLUDE AGRICULTURAL AREA. NEUBERT

UNCLASSIFIED

NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** AGREEMENTS, ATMOSPHERE  
**Control Number:** n/a  
**Copy:** SINGLE  
**Sent Date:** 12-Jul-1977 12:00:00 am  
**Decaption Date:** 01-Jan-1960 12:00:00 am  
**Decaption Note:**  
**Disposition Action:** n/a  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
**Disposition Date:** 01-Jan-1960 12:00:00 am  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1977LENING00837  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Expiration:**  
**Film Number:** D770247-0221  
**Format:** TEL  
**From:** LENINGRAD  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1977/newtext/t19770768/aaaacgnx.tel  
**Line Count:** 110  
**Litigation Code IDs:**  
**Litigation Codes:**  
**Litigation History:**  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Message ID:** e80fe76c-c288-dd11-92da-001cc4696bcc  
**Office:** ACTION COME  
**Original Classification:** UNCLASSIFIED  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 3  
**Previous Channel Indicators:** n/a  
**Previous Classification:** n/a  
**Previous Handling Restrictions:** n/a  
**Reference:** 77 MOSCOW 8053, 77 STATE 127627  
**Retention:** 0  
**Review Action:** RELEASED, APPROVED  
**Review Content Flags:**  
**Review Date:** 20-Dec-2004 12:00:00 am  
**Review Event:**  
**Review Exemptions:** n/a  
**Review Media Identifier:**  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**SAS ID:** 1891655  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** US-USSR ENVIRONMENTAL AGREEMENT PROJECT 02-08-11, CHANGES IN THE HEAT BALANCE OF THE ATMOSPHERE ON CLIMATE  
**TAGS:** SENV, US, UR  
**To:** STATE  
**Type:** TE  
**vdkgvkey:** odbc://SAS/SAS.dbo.SAS\_Docs/e80fe76c-c288-dd11-92da-001cc4696bcc  
**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009